ROSSLARE SECURITY PRODUCTS

Installation Instructions

KE-30

Battery Operated Two-Way Wireless Keypad

1. Introduction

The KE-30 is a wireless keypad for use with Rosslare wireless panels. The KE-30 features include:

- Fully featured keypad, including: LED indicators, function buttons (arm-away, arm-home, disarm), numeric pad, buzzer, and emergency triggering.
- RFID proximity reader for arming and disarming; The range varies according to the type of card used, and is up to a maximum of 2.5 cm.
- LED indications of the system status, including: Alarm In Memory, Trouble and Bypass, and system status (armed away / armed home / disarmed).
- Wall keypad tamper-protection mechanism.
- Low-power consumption; its internal batteries are designed to last for years, under normal operation.

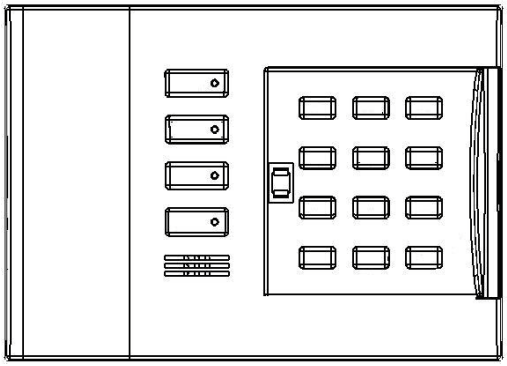

Figure 1: KE-30 Wireless Keypad

2. Technical Specifications

2.1 Electrical Characteristics

Power Supply Voltage: 4 batteries - CR123A 3V 1300mAh

Current Consumption: Standby - 17 uA ; Transmit 14 mA

Battery life – 1 year

2.2 Environmental Characteristics

Operating Environment: Indoor use

Operating Temperature: -10°C to 50°C (14°F to 122°F)

Operating Humidity: 0 to 95% (Non-Condensing)

2.3 Physical Characteristics

Dimensions HxWxD: 140x100x28 mm (5.51x3.94x1.10 inch)

Weight: 99g (0.218lb)

RFID Proximity Reader: Read-compatible with Wiegand 26-bit EM4102 card (or compatible standard)

Read range: Maximum of 2.5 cm (using Rosslare's AT-R14)

Frequencies: G-Band (433.92 MHz), H-Band (868.35 MHz)

3. Install the KE-30

3.1 Mounting the KE-30

Open the KE-30 and mount the back cover of the KE-30 flush to the wall.

To mount the keypad on the wall:

1. Locate and release the screws at the bottom of the keypad, and open the cover.
2. Place the back plate at the desired location. (The keypad should be installed at eye level.)
3. Use the dimensions given in the figure to the right, or use the back cover as a template.
4. Drill four holes in the wall and insert the anchors provided.
5. Mount and fasten the back plate with the screws provided, and assure that the back plate is level.
6. Secure the back plate with the screws referred to in Step 1.

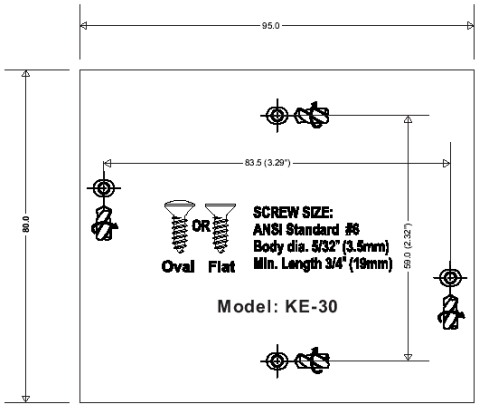

Figure 2: Mounting Dimensions

3.2 Replacing the Batteries

To replace the CR123A batteries:

1. Remove the used batteries and replace them .
2. Close the cover and the system is up and running.

3.3 Enrolling the Keypad

Please refer to the Keypad Enrolling section of the HomeLogiX wireless panel manual or refer to any Rosslare wireless panel manual that supports the relevant keypad.

3.4 Enrolling Proximity Cards

Please refer to the Proximity Card Enrolling section of the HomeLogiX wireless panel manual or refer to any Rosslare wireless panel manual that supports the relevant proximity cards.

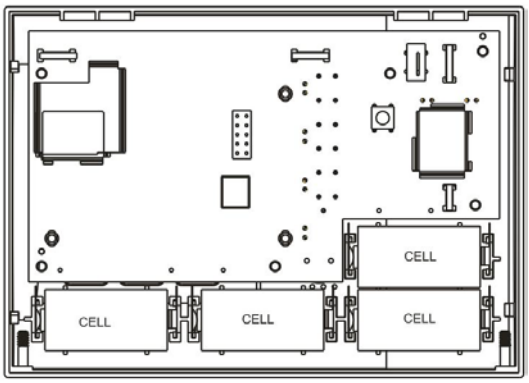

Figure 3: Battery Placement

4. Tamper

The KE-30 is secured to the wall with a screw (see Mounting the KE-30). Tamper control is implemented via a knock-out hole as soon as the KE-30 has been installed. Any attempt to tamper with the system will set off an alarm.

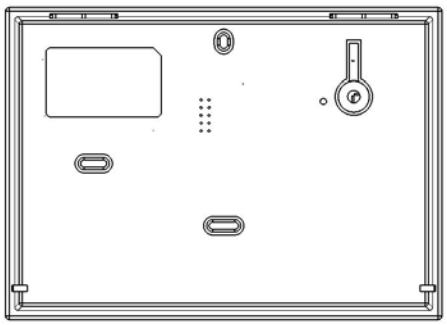

Figure 4: Tamper Knock-Out

5. Utilizing the KE-30 Wireless keypad

The KE-30 functions as both an Arming/Disarming unit and as a Status Viewing unit.

5.1 Arm/Disarm and Basic Operations

Below are instructions on how to arm the system using the various options.

Basic Arming Using the keypad

- Press the ARM AWAY key, and enter the user code. The system will beep, and the ARM AWAY LED indicator will flash.
- Press the ARM HOME key, and enter the user code. The system will beep, and the ARM HOME LED indicator will flash.
- Press the DISARM key, and enter the user code. The DISARM LED indicator will flash.

The QUICK AWAY and QUICK HOME functions:

- Press the AWAY button for 2 seconds. The system will beep, and will be Armed AWAY.
- Press the HOME button for 2 seconds. The system will beep, and will be Armed HOME.

Emergency Alarm Activation:

- Press on 1 and 3 simultaneously for 3 seconds to activate the emergency alarm.

5.2 Status Viewing

Note: The ARM HOME LED indicator, the ARM AWAY LED indicator, and the DISARM LED indicator flash, but they do not remain on continuously.

The KE-30 indicates a panel's status by flashing the relevant LED indicator, and displays one of the following statuses:

- Armed Away
- Armed Home
- Disarmed
- In Memory and Trouble
- By-pass

When a new KE-30 unit is turned on, a flashing TROUBLE LED indicator indicates that the unit must be enrolled. Once it has been enrolled, the Disarm LED indicator will flash.

If the system is experiencing trouble, the TROUBLE LED indicator (!) will flash.

If there is an Alarm in Memory in the System, the ALARM LED indicator (M) will flash.

If the System is by-passed, the BYPASS LED indicator (Z) will flash.

5.3 RFID Function

Note: The RFID function is deactivated by default, since if it is activated, battery life will be significantly shortened.

Enabling the RFID Function:

Press both on the * key and the # key for 3 seconds until the system beeps twice.

After the system beeps twice, press 1, and then press #.

When the RFID is activated, the system will beep once.

Cancelling the RFID function:

Press both on the * key and the # key for 3 seconds until the system beeps twice.

After the system beeps twice, press 0, and then press #.

The RFID is now deactivated.

Enrolling proximity cards:

Please refer to the Proximity Card Enrolling section of the HomeLogiX wireless panel manual or refer to any Rosslare wireless panel manual that supports the relevant proximity cards.

Using a Proximity Card to ARM or DISARM the System:

Note: First activate the RFID function.

Press on the Away, Home, or Disarm button. then place the card directly above the keypad. The system will activate the desired function (Arm Away/Home or Disarm).

Caution: Changes or modifications to this equipment not expressly approved by the party responsible for compliance (Rosslare Ltd.) could void the user's authority to operate the equipment.

6. Limited Warranty

ROSSLARE ENTERPRISES LIMITED S (Rosslare) TWO YEAR LIMITED WARRANTY is applicable worldwide. This warranty supersedes any other warranty. Rosslare's TWO YEAR LIMITED WARRANTY is subject to the following conditions:

Warranty

Warranty of Rosslare's products extends to the original purchaser (Customer) of the Rosslare product and is not transferable.

Products Covered By This Warranty and Duration

ROSSLARE ENTERPRISES LTD. AND / ORSUBSIDIARIES (ROSSLARE) warrants that the KE-30 Keyboard Voice Module, to be free from defects in materials and assembly in the course of normal use and service. The warranty period commences with the date of shipment to the original purchaser and extends for a period of 2 years (24 Months).

Warranty Remedy Coverage

In the event of a breach of warranty, ROSSLARE will credit Customer with the price of the Product paid by Customer, provided that the warranty claim is delivered to ROSSLARE by the Customer during the warranty period in accordance with the terms of this warranty. Unless otherwise requested by ROSSLARE ENTERPRISES LTD. AND / OR SUBSIDIARIES representative, return of the failed product(s) is not immediately required.
If ROSSLARE has not contacted the Customer within a sixty (60) day holding period following the delivery of the warranty claim, Customer will not be required to return the failed product(s). All returned Product(s), as may be requested at ROSSLARE ENTERPRISES LTD. AND /OR SUBSIDIARY'S sole discretion, shall become the property of ROSSLARE ENTERPRISES LTD. AND /OR SUBSIDIARIES.
To exercise the warranty, the user must contact Rosslare Enterprises Ltd. to obtain an RMA number after which, the product must be returned to the Manufacturer freight prepaid and insured
In the event ROSSLARE chooses to perform a product evaluation within the sixty (60) day holding period and no defect is found, a minimum US$ 50.00 or equivalent charge will be applied to each Product for labor required in the evaluation.
Rosslare will repair or replace, at its discretion, any product that under normal conditions of use and service proves to be defective in material or workmanship. No charge will be applied for labor or parts with respect to defects covered by this warranty, provided that the work is done by Rosslare or a Rosslare authorized service center.

Exclusions and Limitations

ROSSLARE shall not be responsible or liable for any damage or loss resulting from the operation or performance of any Product or any systems in which a Product is incorporated. This warranty shall not extend to any ancillary equipment not furnished by ROSSLARE, which is attached to or used in conjunction with a Product, nor to any Product that is used with any ancillary equipment, which is not furnished by ROSSLARE.
This warranty does not cover expenses incurred in the transportation, freight cost to the repair center, removal or reinstallation of the product, whether or not proven defective.
Specifically excluded from this warranty are any failures resulting from Customer's improper testing, operation, installation, or damage resulting from use of the Product in other than its normal and customary manner, or any maintenance, modification, alteration, or adjustment or any type of abuse, neglect, accident, misuse, improper operation, normal wear, defects or damage due to lightning or other electrical discharge. This warranty does not cover repair or replacement where normal use has exhausted the life of a part or instrument, or any modification or abuse of, or tampering with, the Product if Product disassembled or repaired in such a manner as to adversely affect performance or prevent adequate inspection and testing to verify any warranty claim.
ROSSLARE does not warrant the installation, maintenance, or service of the Product. Service life of the product is dependent upon the care it receives and the conditions under which it has to operate.
In no event shall Rosslare be liable for incidental or consequential damages.

Limited Warranty Terms

THIS WARRANTY SETS FORTH THE FULL EXTENT OF ROSSLARE ENTERPRISES LTD. AND ITS SUBSIDIARIES WARRANTY.

THE TERMS OF THIS WARRANTY MAY NOT BE VARIED BY ANY PERSON, WHETHER OR NOT PURPORTING TO REPRESENT OR ACT ON BEHALF OF ROSSLARE.

THIS LIMITED WARRANTY IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES. ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE SPECIFICALLY EXCLUDED.

IN NO EVENT SHALL ROSSLARE BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, OR FOR ANY OTHER INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOSS OF USE, LOSS OF TIME, COMMERCIAL LOSS, INCONVENIENCE, AND LOSS OF PROFITS, ARISING OUT OF THE INSTALLATION, USE, OR INABILITY TO USE SUCH PRODUCT, TO THE FULLEST EXTENT THAT ANY SUCH LOSS OR DAMAGE MAY BE DISCLAIMED BY LAW.

THIS WARRANTY SHALL BECOME NULL AND VOID IN THE EVENT OF A VIOLATION OF THE PROVISIONS OF THIS LIMITED WARRANTY.

7. Declaration of Conformity

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

8. Contact information

Asia Pacific, Middle East, Africa

Headquarters:
905-912 Wing Fat Industrial Bldg, 12 Wang Tai Road, Kowloon Bay Hong Kong
Tel:+852 2795-5630 Fax: +852 2795-1508
E-mail: support.apac@rosslaresecurity.com

United States and Canada

1600 Hart Court, Suite 103 Southlake, TX, USA 76092
Toll Free:+1-866-632-1101 Local:+1-817-305-0006 Fax: +1-817-305-0069
E-mail: support.na@rosslaresecurity.com

Europe

Global Technical Support & Training Center:
HaMelecha 22 Rosh HaAyin, Israel 48091
Tel: +972 3 938-6838 Fax: +972 3 938-6830
E-mail: support.eu@rosslaresecurity.com

South America

Presbitero Actis 555, Oficina 31. San Isidro. Buenos Aires. Argentina
Tel: +5411-5273-6383 Tel: +305-921-9919
E-mail: support.la@rosslaresecurity.com

Web Site: www.rosslaresecurity.com

TÜVRheinland®
ISO 9001:2008
Cert. No. 01 100 6925
ISO 14001:2004
Cert. No. 01 104 6925

RoHS COMPLIANT

FC CE